AEE/BTP/SD/44/23-24

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Indent No: 54315

No: First and Final Bill

Division: **Byataranapura**

Sub-Division: **Byataranapura Sub Division** Indent No.

Bill Received No. Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional **Work Code: 008-23-000011**

Schedule Docket No. Head of Account: Est.Cost- **55.00 Lakhs**

Name of Work: " **Improvements to roads and drain at Jakkur and Jakkur Extension Surrounding area in ward No.08 Jakkur.**"

Name of Contractor and Full Address: **Sri. M S Venkatesh No: 15,4th Main 11th Cross, Coffee Board Layout, Hebbal Kempapura Bangalore-24**

Reference to Agreement No: **BBMP/EE/BTP/ WO/176/2022-23** Date: **15/03/2023**

Certified that the measurements were taken by me on 20/6/23 and recorded of Pages 628501–628509 measurement Book No. 62-84/22-23 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work
ಸಹಾಯಕ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

Certified that the measurement were taken by me on 20/6/23 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of
   b) Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

1st & final

FTB	4941840	00	
IT	41880	00	
CGST	41880	00	
SGST	41880	00	
CESS	41880	00	
CBT	4188	00	
LR	90692	00	
Fine	600	00	unadjustments items.
Ded'	263000	00	
Net payable	4678840	00	Total amount adjusted -

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) P3726

Contractor's Signature

(For use in the Office)

ಕಛೇರಿಯಿಂದ Zonal public Works-pow Works ರವರಿಗೆ ಪಾವತಿಸಬೇಕಾಗಿರುವ ರೂ. 4941840/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ ಹಾಗೂ ರೂ. 263000/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. 4678840/- ಗಳನ್ನು

FT/NEFT/RTGS ಮುಖಾಂತರ ಪಾವತಿಸಲಾಗಿದೆ

ವಿಷಯ ನಿರ್ವಾಹಕರು 5/9/23 | ಲೆಕ್ಕಾಧಿಕಾರಿಗಳು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಪ ಪಾ. ಬೆಂಗಳೂರು | ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃಬೆಪ ಪಾ. ಬೆಂಗಳೂರು

Executive Engineer

5/10/23

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

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ABSTRACT

Sl. No.	Description of work	Unit	As Per Schedule-B			Previous Measurement			Present Measurement			Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Data Rate)	Sqm	174.83	121.00	21154.43	0	0	0	174.72	121.00	21141.12	174.72	21141.12
2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.	Cum	37.46	204.60	7664.32	0	0	0	37.39	204.60	7649.99	37.39	7649.99
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete.	Sqm	74.93	742.00	55598.06	0	0	0	74.41	742.00	55212.22	74.41	55212.22

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Sl. No.	Description of work	Unit	As Per Schedule-B			Previous Measurement			Present Measurement			Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
4	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth.	Cum	394.13	71.50	28180.30	0	0	0	394.13	71.50	28180.30	394.13	28180.30
5	Scarifying the existing bituminous road surface to a depth of 50 mm and disposal of scarified material by Mechanical Means using Hydraulic excavator with in all lifts and lead MORTH Specification	Sqm	837.00	4.40	3682.80	0	0	0	837.00	4.40	3682.80	837.00	3682.80
6	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	232.19	2233.40	518573.15	0	0	0	232.05	2233.40	518260.47	232.05	518260.47
7	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification	Sqm	1009.50	46.20	46638.90	0	0	0	1008.85	46.20	46608.87	1008.85	46608.87

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Sl. No.	Description of work	Unit	As Per Schedule-B			Previous Measurement			Present Measurement			Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
8	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification	Cum	50.48	10052.90	507470.39	0	0	0	50.46	10052.90	507269.33	50.46	507269.33
9	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification	Sqm	1965.50	15.40	30268.70	0	0	0	1964.98	15.40	30260.69	1964.98	30260.69
10	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification	Cum	78.62	11672.10	917660.50	0	0	0	78.61	11672.10	917543.78	78.61	917543.78

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Sl. No.	Description of work	Unit	As Per Schedule-B			Previous Measurement			Present Measurement			Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
11	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification	Sqm	66.00	525.80	34702.80	0	0	0	0.00	525.80	0.00	0.00	0.00
12	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates	Cum	177.23	4344.90	770046.63	0	0	0	177.23	4344.90	770046.63	177.23	770046.63

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Sl. No.	Description of work	Unit	As Per Schedule-B			Previous Measurement			Present Measurement			Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
13	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause	Cum	177.23	6223.20	1102937.74	0	0	0	177.23	6223.20	1102937.74	177.23	1102937.74
14	Cutting transverse contraction joints 3 to 4 mm wide and depth 60mm in concrete slab using concrete cutting machine with diamond studded saw within 48 hours of casting of bay / slab etc. complete including subsequent widening of the groove 8 to 10 mm. wide at top having depth of 15 mm. as directed by Engineer incharge. MORTH Specification	m	285.00	77.00	21945.00	0	0	0	285.00	77.00	21945.00	285.00	21945.00

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Sl. No.	Description of work	Unit	As Per Schedule-B			Previous Measurement			Present Measurement			Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
15	Providing to contraction joints polysuphide sealent (Pouring grade) confirming to BS : 5212 - 1989 into sawed groove widened at top for sealent reservoir of specified size and shape as per detailed drawing including fixing Polyethylene foam backer rod of required diameter (approx. 25% larger than the initial 3 mm.to 4 mm. joint) overlaid with bond breaking tape as per detailed drawing. Item includes cleaning the joints with water jet / air compressor and allowing joint to become thoroughly dry before sealent is applied and applying primer. (A) Contraction and longitudinal joints (15 mm. deep x 8mm.wide). MORTH Specification	m	285.00	181.50	51727.50	0	0	0	285.00	181.50	51727.50	285.00	51727.50
16	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) and as per the direction of Engineer in charge of the work.	Cum	431.59	129.80	56020.38	0	0	0	431.59	129.80	56020.38	431.59	56020.38
17	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km and as per the direction of Engineer in charge of the work.	t.Km	470.33	105.60	49666.85	0	0	0	470.33	105.60	49666.85	470.33	49666.85
	Sub Total				4223938.43			Roundoff →		4188000	4188153.66	–	4188153.66
	GST @18%				760308.92					753840	753867.66	–	753867.66
	TOTAL AMOUNT				4984247.35	–				4941840	4942021.32	–	4942021.32

Certificate:-

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. There are no departmental issues for this work

Contractor

Assistant Engineer,
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Executive Engineer,
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-26

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